

An abstract :

Gold, silver, platinum, palladium and all precious metals and elements can be made from other elements. By taking the element which has double the atomic number of the precious element (ex: gold) and bombarding its nucleus with neutrons and protons. This element which has double the atomic number will split into the precious element (gold) and will have a chain reaction and turn the whole material into gold (a concentration of 80 % gold). By experimentation, we find which of the elements which has (double the atomic number or double the atomic number +1, or double the atomic number +2 or -1) will give the most concentration of gold after splitting. We will take the less expensive element, and the one who will give the most concentration between the elements that has double the atomic number +1, or -1, or +2.

"Split"  $\rightarrow$  take as  $\frac{1}{2} ( \quad ) \rightarrow {}^{79}\text{Au}$

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